**基隆市東信國民小學107學年度四年級素養課程教案**

**教學流程 :**

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| **領域/科目** | | | 跨領域:英語文、  自然科學、藝術與人文 | **設計者** | | Daniel |
| **實施年級** | | | 年級上學期 | **總節數** | | 10節(10 period) |
| **主題名稱** | | |  | | | |
| **設計依據** | | | | | | |
| **學習**  **重點** | **學習表現** |  | | | **核心**  **素養** |  |
| **學習內容** |  | | |
| **學習目標** | | | | | | |
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| **教學活動設計** | | |
| **教學活動內容及實施方式** | **素養指標** | **學習表現與評量** |
| **教師準備**(preparation for the teacher):   1. 共讀書箱(Books for group reading) 2. 學生學習檔案(Students’ learning files )。 3. 學生閱讀日誌(Students’ reading journals)。 4. 學生作業單(Students’ worksheets)。   Lesson 1: Introduce new book Mouse Shapes with [this video](https://jr.brainpop.com/math/geometry/planeshapes/). Students will be asked  questions during the video about the shapes. Next, play [this hidden picture game](https://jr.brainpop.com/math/geometry/planeshapes/search/) and find the shapes. Lastly, describe how to finish [this worksheet](https://drive.google.com/open?id=1qnKTqh_4MAyRwtktuqeyPUCS_nWP2wm9) on the whiteboard and then students complete individually.  Lesson 2: We spent the majority of class discussing the new assignments in the  [homework workbook](https://drive.google.com/open?id=1PebVD3u4r_sBEAfIf0dTLnWZYt3JRGII). I then reintroduced the shapes we are learning in our book Mouse Shapes and then we played “[Roll a Mouse Game](https://drive.google.com/open?id=1P29jnjzbM4bWeiRlYTkjiblNkrfnnfhC)” as two teams on the whiteboard. |  |  |